Title (en)

IMPROVEMENTS IN OR RELATING TO DIGITAL CORDLESS TELEPHONE SYSTEMS

Publication

EP 0399610 A3 19920520 (EN)

Application

EP 90201288 A 19900522

Priority

GB 8912176 A 19890526

Abstract (en)

[origin: EP0399610A2] A digital cordless telephone system which comprises a primary station (PS) controlled by a system controller (14 or 15) and a plurality of secondary stations (SS) capable of communicating with the primary station by way of a time division duplex radio link, the primary and/or secondary station having means to generate a beacon signal which is receivable by a secondary station outside the range of normal speech communication and the beacon signal comprising a low bit rate signal which is transmitted at a power comparable to the digitised speech signal. In one embodiment the beacon signal is recovered using a narrowband filter and a demodulator. In another embodiment direct sequence spread spectrum techniques are used to send the beacon signal and a correlator/matching circuit is used to recover the low bit rate data representative of the beacon signal.

IPC 1-7

H04M 1/72

IPC 8 full level

H04M 1/00 (2006.01); **H04M 1/733** (2006.01); **H04Q 7/36** (2006.01); **H04Q 7/38** (2006.01); **H04W 48/12** (2009.01)

CPC (source: EP KR US)

H04B 7/26 (2013.01 - KR); **H04M 1/72516** (2013.01 - EP US); **H04M 1/733** (2013.01 - EP US); **H04W 48/12** (2013.01 - EP US)

Citation (search report)

- [A] EP 0169713 A2 19860129 - RACAL RES LTD [GB]
- [A] GB 1602461 A 19811111 - ESSEX COUNTY COUNCIL
- [A] 37TH IEEE VEHICULAR TECHNOLOGY CONFERENCE June 1987, TAMPA,FLORIDA,(US) pages 369 - 377; ECKERT: 'CONCEPTION AND PERFORMANCE OF THE CELLULAR DIGITAL MOBILE RADIO COMMUNICATION SYSTEM CD 900'

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